Electronic Pa	tent App	lication Fee	Transm	ittal			
Application Number:	100	10660888					
Filing Date:	12-	12-Sep-2003					
Title of Invention:	ST	STORAGE RECOVERY USING A DELTA LOG					
First Named Inventor/Applicant Name:	Mo	Mohamad El-Batal					
Filer:	Sar	Samuel M. Freund/Kelley Kite					
Attorney Docket Number:	LSI	LSI.81US01 (03-1078)					
Filed as Large Entity	•						
Utility under 35 USC 111(a) Filing Fees	i						
Description		Fee Code	Quantity	Amount	Sub-Total ir USD(\$)		
Basic Filing:					1		
Pages:							
Claims:							
Miscellaneous-Filing:							
Petition:							
Patent-Appeals-and-Interference:							
Post-Allowance-and-Post-Issuance:							
Utility Appl issue fee		1501	1	1510	1510		

Publ. Fee- early, voluntary, or normal

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
	Total in USD (\$)			1810